

Title (en)  
WHOLE-BODY SPECT SYSTEM

Title (de)  
SYSTEM ZUR UNTERSUCHUNG DES GANZEN KÖRPERS

Title (fr)  
SYSTÈME DE GAMMATOMOGRAPHIE DU CORPS ENTIER

Publication  
**EP 2747656 B1 20190626 (EN)**

Application  
**EP 12816120 A 20121115**

Priority  
• US 201161562603 P 20111122  
• IB 2012056446 W 20121115

Abstract (en)  
[origin: WO2013076629A1] A whole body SPECT system (10) includes a patient support (14) and a static gantry (12) which includes a plurality of rings (40a,40b,40c) of radiation detectors (42). The patient support (14) supports a patient and moves the patient in an axial direction (18) through the static gantry (12). One or more processors (20,24,32) connected to the plurality of detectors records strikes of gamma photons in the radiation detectors (42) and reconstruct the recorded strikes of the gamma photons into a whole body image.

IPC 8 full level  
**G01T 1/29** (2006.01); **A61B 6/00** (2006.01); **A61B 6/03** (2006.01); **A61B 6/04** (2006.01); **G01T 1/164** (2006.01); **G01T 1/24** (2006.01)

CPC (source: EP US)  
**A61B 6/037** (2013.01 - EP US); **A61B 6/4258** (2013.01 - EP US); **A61B 6/4266** (2013.01 - EP US); **G01T 1/1644** (2013.01 - EP US); **G01T 1/249** (2013.01 - US); **A61B 6/0407** (2013.01 - EP US); **A61B 6/0487** (2020.08 - EP US); **A61B 6/4275** (2013.01 - EP US); **A61B 6/4291** (2013.01 - EP US); **A61B 6/5205** (2013.01 - EP US)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2013076629 A1 20130530**; BR 112014012015 A2 20170530; EP 2747656 A1 20140702; EP 2747656 B1 20190626; IN 3723CHN2014 A 20150904; JP 2015501924 A 20150119; JP 6114298 B2 20170412; RU 2014125267 A 20151227; US 10213173 B2 20190226; US 2014343412 A1 20141120

DOCDB simple family (application)  
**IB 2012056446 W 20121115**; BR 112014012015 A 20121115; EP 12816120 A 20121115; IN 3723CHN2014 A 20140516; JP 2014541797 A 20121115; RU 2014125267 A 20121115; US 201214357629 A 20121115